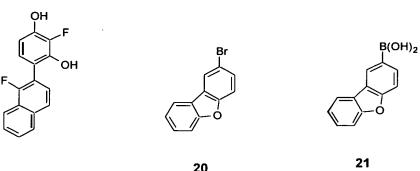


Fig. 1A



20 2

OH
$$CI$$
 CO_2H CO_2H CO_2H

22 24

$$\begin{array}{c} HO \\ \downarrow \\ CI \\ \downarrow \\ CO_2H \end{array}$$

26

Fig. 1B





HO OH
$$CO_2$$
 CO_2 C

29

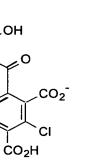
30

Fig. 1C

TSWWEISZ ICHIZZ

HO.





32

36 (Pete)

HO
$$CI$$
 CO_2 CI CO_2H

33 (Jeb)

34

Fig. 1D

R₁-Br + RLi
$$\longrightarrow$$
 R1⁻Li⁺ $\xrightarrow{1) B(OMe)_3}$ R₁-B(OH)₂
[1] [2] [3]

$$R_1$$
-B(OH)₂ + R_7 R_2 1) Pd R_7 R_2 OCH₃ 2)BBr₃ R_7 R_7 OH [5]

Fig. 2A





Fig. 2B